



Leading
Brand of
Construction
CHEMICALS

Product Info (English)

**WaterProofing &
Industrial Product**



IS 15477:2019



CM/L 7600188518



www.arrotile.com

THE ARROTILE STORY

Arrotile is a Gujarat-based brand with more than **10 years of experience**, manufacturing construction chemicals and supplying them across different states of India. The company produces **ISI and ISO** approved products such as tile adhesives, grout and cleaners, waterproofing chemicals, concrete admixtures, and industrial chemicals.

Arrotile Vision

Arrotile Company will be a trusted leader in the construction materials industry, producing innovative, high-performance, durable, and eco-friendly building materials for the structural strength of any type of building.

Arrotile Mission

We will always work with new ideas and the latest technology.

Quality will be very important to us, ensuring that customers are satisfied with the best products and services.

We will continuously connect with people who live our core values and work with them in trust, integrity, and a spirit of giving back.

We will care for the environment and consider it an important part of our lives.



10000+

SATISFIED
CLIENT

50+

PRODUCTS

3000+

COMPLETED
PROJECTS

10+

MORE THAN
10 YEAR



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Waterproofing & Admixture





Arrofast W+

Intergal Waterproofing Compound

CLASS :

IS 2645 : 2003

Application :

Waterproofing of Concrete and sand-cement Mortar Used in :

- ▶ Basement
- ▶ Roof Slabs and Screeds.
- ▶ Water Tanks & Water Retaining Structures.
- ▶ External Plastering.
- ▶ Bathrooms and balconies.
- ▶ Sumps and drains.

Packing :

- ▶ 1, 5, 10 & 20 Ltr.



Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Appearance	-	Free Flowing Liquid
Colour	-	Wine Red
Sp. Gr. @ 25°C	-	1.04 - 1.09
Non Volatile Content	-	13.5 - 14.5%
pH Value	-	11.0 - 14.0
Setting time, Minutes	IS : 2645 : 2003	Passes
Chloride Content	IS : 2645 : 2003	0.03%
Water Permeability	IS : 2645 : 2003	Passes
Compressive Strength N/mm ²	IS : 2645 : 2003	As per the standard

Dosage :

- ▶ 200 ml to 250 ml Per 50 Kg Bag of Cement.

Features / Benefits :

- ▶ Corrosion Resistant
- ▶ Compatibility
- ▶ Reduces Permeability
- ▶ High Strength
- ▶ Reduces Shrinkage
- ▶ Improve Workability
- ▶ Increases Durability



Tetracoat WRP

Single Component Acrylic Polymer for Cement Based Waterproofing Membrane.

CLASS :

Meets the requirements of
BS 6319 Part 4:1984,
BS 7542:1992, BS 6319
Part 2: 1983

Application :

Below sloping screed or waterproof plaster on:

- ▶ Roofs, terraces and balconies as a sandwich layer.
- ▶ Pools and fountains
- ▶ Reservoirs and channels
- ▶ End walls subjected to rain

Coverage :

- ▶ Priming coat 16-17 m² / Ltr
- ▶ Top coat 4.5-5 m² / Ltr

Packing :

- ▶ 500ml, 1, 5, 10 & 20 Ltr.

Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Appearance	-	Milky White Acrylic Emulsion
Solid Content, %	-	Min 33
Compressive Strength, N/mm ²	BS 6310 Part 2:1983	10-13 at 7 days
Chloride Content	-	Nil
pH Value	-	7-10
Specific Gravity	-	1.05+/-0.05
Viscosity at 25°C, Sec	-	-

Features / Benefits :

- ▶ Non - toxic, non-flammable and user friendly.
- ▶ Provides a tough, impermeable waterproof membrane.
- ▶ Can be applied by brush, on horizontal and vertical surfaces.
- ▶ Excellent adhesion to concrete and masonry surfaces.
- ▶ Protects concrete and mortar from natural elements such as wind, rain, sunlight.
- ▶ Breathable - allows inside water vapour to escape.



Arrocrete WRP+

Single Component Acrylic Polymer
for Cement Based Waterproof
Composite Coating Membrane.

Uses : ARROCRETE WRP+ provides an effective and economical method of waterproofing to concrete and masonry surfaces, by mixing with cement and application by brush.



Application :

Areas of application Below sloping screed or waterproof plaster on:

- › Roofs, terraces and balconies as a sandwich layer.
- › Pools and fountains
- › Reservoirs and channels
- › End walls subjected to rain

Coverage :

- › Priming coat: 16-17 sqm/L
Topcoat - 4.5 - 5.0 sqm/L/ coat.
However the practical consumption varies depending on the texture and porosity of the surface and the application thickness.

Packing :

- › 10 & 20 Ltr.



Properties:

- › Water absorption: 1% maximum
- › Pot life at 30°C: 30 min.
- › Application temperature: Not less than 10°C
- › Toxicity: Non-toxic
- › Bond strength to concrete: Approx. 1 N/mm²

Description :

ARROCRETE WRP+ is formulated to be mixed with cement on site or simply brush applied over concrete or masonry surfaces to provide an effective waterproof membrane.

Shelf life :

12 months.

Features / Benefits :

- › Non - toxic, non-flammable and user friendly.
- › Provides a tough, impermeable waterproof membrane.
- › Can be applied by brush, on horizontal and vertical surfaces.
- › Excellent adhesion to concrete and masonry surfaces.
- › Protects concrete and mortar from natural elements such as wind, rain, sunlight.
- › Breathable - allows inside water vapour to escape.



Tetrabond SBR

Mortar And Screed Modifier Cum Bonding Aid

Application :

- ▶ For concrete repairs - Spalled concrete of floors, columns, beams, chhajjas, slabs, parapets, etc.
- ▶ For waterproofing - Small roof terraces, sunken portions of toilets & bathrooms, chhajjas & lift pits, balconies & staircases.
- ▶ For waterproofing - Liquid & effluent tanks, car decks & walkways.
- ▶ As a bonding agent - Bonding mortar for tiles & panels, as undercoat for special finishes such as top rendering coat for chemical resistant floors.
- ▶ As a bond coat - For bonding of new concrete to old concrete, masonry stone work, plastering.
- ▶ For cladding - Fixing or re-fixing of slip bricks, tiles, stones & marble bedding.
- ▶ As external rendering - Weatherproof & frost resistant render, high wear & erosion resistant render. As bonding slurry coat for pinhole treatment on concrete surface & as repair mortar for overhead application.

Dosage :

- ▶ 10 litres Tetrabond SBR per 50 kg OPC Cement

Packing :

- ▶ 100 ml, 500 ml, 1, 5, 10 & 20 Ltr.



Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Base	-	SBR (styrene, butadine rubber)
Coverage oPCS, URP, 1.5pbwt	-	20 – 22 sq ft/kg for two coats 1:1.5
total active solid content	-	32 ± 5%
pH	-	8 – 9
pot life @ 30°C	-	30 – 45 minutes at 30°C
Speciic gravity at 30°C	-	1.01+/- 0.02
pH	-	7 to 9
Compressive strength, n/mm ² - 7 days	(BS6319 part2:1983)	Passes the specification.
tensile strength,n/mm ²	(aSTM C – 190-85)	Passes the specification
flexural strength, n/mm ²	-	9>
Slant shear bond, n/mm ²	aSTM 881	30
Chemical resistance to mild acids, alkalis, sulphates.	-	Resists
Resistance to water pres - sure, bar	-	Upto 2
freeze thaw resistance	-	excellent

Features / Benefits :

- ▶ Multipurpose - It is multipurpose & economical product, easy to use.
- ▶ Cracking - It prevents cracking by improving flexural strength.
- ▶ Hardness - Improves the hardness & prevents dust generation.
- ▶ Shrinkage - Reduces drying & aging shrinkage cracks.
- ▶ Bonding - Bond strongly to concrete, masonry, stonework, plasters, cementitious surfaces, asphalt & most of the building materials.
- ▶ Erosion & corrosion - Improves erosion resistance & prevents corrosion.
- ▶ Abrasion resistance - Improves abrasion resistance of the cement mix.
- ▶ Grouting - Reduces viscosity of cement injection grout for better fluidity & bonding

Tetrabond SBR Latex

Mortar And Screed Modifier Cum Bonding Aid (45% Solid Content)



Application :

- ▶ For concrete repairs - Spalled concrete of floors, columns, beams, chhajjas, slabs, parapets, etc.
- ▶ For waterproofing - Small roof terraces, sunken portions of toilets & bathrooms, chhajjas & lift pits, balconies & staircases.
- ▶ For waterproofing - Liquid & effluent tanks, car decks & walkways.
- ▶ As a bonding agent - Bonding mortar for tiles & panels, as undercoat for special finishes such as top rendering coat for chemical resistant floors.
- ▶ As a bond coat - For bonding of new concrete to old concrete, masonry stone work, plastering.
- ▶ For cladding - Fixing or re-fixing of slip bricks, tiles, stones & marble bedding.
- ▶ As external rendering - Weatherproof & frost resistant render, high wear & erosion resistant render. As bonding slurry coat for pinhole treatment on concrete surface & as repair mortar for overhead application.

Dosage :

- ▶ 10 litres Tetrabond SBR per 50 kg OPC Cement

Packing :

- ▶ 500 ml, 1, 5, 10 & 20 Ltr.



Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Base	-	SBR (styrene, butadiene rubber)
Coverage oPCS, URP, 1.5pbwt	-	20 – 22 sq ft/kg for two coats 1:1.5
total active solid content	-	45 ± 2%
pH	-	8 – 9
pot life @ 30°C	-	30 – 45 minutes at 30°C
Specfic gravity at 30°C	-	1.01+/- 0.02
pH	-	7 to 9
Compressive strength, n/mm ² - 7 days	(BS6319 part2:1983)	Passes the specification.
tensile strength,n/mm ²	(aSTM C – 190-85)	Passes the specification
flexural strength, n/mm ²	-	9>
Slant shear bond, n/mm ²	aSTM 881	30
Chemical resistance to mild acids, alkalis, sulphates.	-	Resists
Resistance to water pres - Sure, bar	-	Upto 2
freeze thaw resistance	-	excellent

Features / Benefits :

- ▶ Multipurpose - It is multipurpose & economical product, easy to use.
- ▶ Cracking - It prevents cracking by improving flexural strength.
- ▶ Hardness - Improves the hardness & prevents dust generation.
- ▶ Shrinkage - Reduces drying & aging shrinkage cracks.
- ▶ Bonding - Bond strongly to concrete, masonry, stonework, plasters, cementitious surfaces, asphalt & most of the building materials.
- ▶ Erosion & corrosion - Improves erosion resistance & prevents corrosion.
- ▶ Abrasion resistance - Improves abrasion resistance of the cement mix.
- ▶ Grouting - Reduces viscosity of cement injection grout for better fluidity & bonding

Arrotile Teres Coat

Single Component Heavy Duty Reinforced Acrylic Water Proof Coating For Terrace



Features / Benefits :

- ▶ **Film thickness** - Higher film thickness provides resistance to the movements of structures, gives crack bridging ability & waterproofing properties.
- ▶ **Toughness** - Tough films withstands wind driven rain.
- ▶ **Flexibility** - Flexible and covers hairline cracks (upto 0.5 mm) effectively so that no ingress of water.
- ▶ **Elasticity** - High elasticity easily withstands stress caused by thermal expansion & contraction (>100% elongation at 110-120 micron DFT).
- ▶ **Ready to use** - No dilution is required hence ensures desired film thickness built-up without affecting the performance.
- ▶ **Microbial resistance** - Resistance to fungus and algae hence maintains the aesthetic value.
- ▶ **UV resistant** - Resistance to UV (Sun light) hence coating has longer life.
- ▶ **Dirt pick up** - Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- ▶ **Breathability** - Permeable to water vapour.
- ▶ **Ease of application** - User friendly, easily applicable by brush, roller or spray.
- ▶ **Toxicity** - It is Non-toxic.

Technical Information As Per IS Standard Data		
PROPERTY	SPECIFICATION	RESULT
Nature	-	Single Component
Appearance	-	Emulsion Paint (White)
Specific Gravity	-	1.30
Elongation (250 Micron DFT), %	ASTM D 412-02	90%
Water Permeability	BS EN 12390	68
Rapid Chloride Penetration Test	ASTM C 1202 - 97	Very low
Algae & Fungal Resistance	SS 345 : 1998	No growth
Accelerated Weathering	ASTM D 4587	No Defects
Tensile Strength, N/mm ²	ASTM D 412-02	>2.6
Crack Bridging ability	ASTM C 836	More than 2 mm width
Adhesion Strength, N/mm ²	-	1.5
Coation Thickness Microns	-	110

Packing :

- ▶ 1, 5, 10 & 20 Ltr.

Application :

- ▶ All types of exterior masonry surfaces, concrete, cement sand renderings, etc.
- ▶ Applicable on asbestos sheets.
- ▶ Building Roofs / Terraces - Flat & Slope.

Coverage :

2.5 to 3.0 m² / litre for 2 coats

- ▶ *Coverage may vary depending upon the texture and porosity of the surface





Arrotile Teres Coat Super

High Performance Solar Reflective Waterproof Coating For Roof

Features / Benefits :

- ▶ **Waterproofing** - Completely protect surfaces from water penetration
- ▶ **High Build system** - Provides higher dry film thickness up to 1 mm in three coats.
- ▶ **Crack Bridging** - It expands and contracts with the roof movement to resist damage.
- ▶ **Weather resistance** - Offers a long term protection in severe weather conditions.
- ▶ **Reflective roof coating** - Reduces surface temperature up to 10°C** in the peak summer
- ▶ **User friendly** - Single component, easy to apply
- ▶ **Low VOC** - Non toxic.

Application :

Over existing building Flat/ Slope roof surface like;

- ▶ Brick-Bat Coba finish, Screed
- ▶ China mosaic roof tiles.

Technical Information As Per IS Standard Data		
PROPERTY	SPECIFICATION	RESULT
Appearance	Actual Viscous	Liquid (Viscous Liquid)
Solid Content, w/s %	Actual	55%
Tensile Strength, N/mm ²	ASTM D 2370	2
Initial Tensile Strength with Fiber N/mm ²	ASTM D 2370	6-8
Elongation at Break, %	ASTM D 2370	160%
Tear Resistance with Fiber N/mm	ASTM D 624	30%
UV Resistant - Accelerated	ASTM G 154: 2000	Excellent: No thermal degradation,
Shore-A Hardness	ASTM D2240-2015	80
Adhesion Strength, N/mm ²	ASTM D 4541:2002	>1.50
Water Swelling-24 Hrs.%	ASTM D 471	4-6
Crack Bridging, mm	EN1062-7	2
Abrasion Resistance mg	ASTM D 4060	21
Dry film Thickness	Microns	900-1000



Packing :

- ▶ 5, 10 & 20 Ltr.

Coverage :

System: Self Primer coat + 3 Undiluted Coats: 1.5-1.6 litre / sqm

- ▶ *Coverage may vary as per the nature & texture of substrate



Arrocrete 2K-15

High Quality Polymer Modified
Flexible Cementitious Waterproofing
Membrane

Description :

- ▶ Arrocrete 2k-15 is a acrylic cementitious, polymer modified flexible, waterproofing & protective coating composed of best quality Portland cement, properly selected & graded aggregates, additives & acrylic emulsion polymer as a binder. It is applied to waterproof and protect concrete and masonry substrates.

Application:

- ▶ Excellent as a waterproof coating for bathrooms, kitchen sinks, balconies, etc.
- ▶ Ideal as a coating for waterproofing of roofs, chhajjas, canopies, etc.
- ▶ As waterproof coating on internal sides of domestic water tanks.
- ▶ Can be applied over internal damp walls and concrete surfaces due to its excellent bonding.

Packing:

- ▶ 15 kg Box
(5 Ltr. Lequid Polymer) (10 kg. Powder)



Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Nature & Mixing ratio	-	2 component cementitious coating (1 part polymer & 2 part powder)
Pot life of the mix @30°C	-	40 minutes
Elongation at break	ASTM D 412:2016	60% minimum
Adhesion strength	ASTM D 7234:2019	1.0 N/mm ²
Water Vapour Transmission	ASTM E 96:2016	0.3 Perms
Crack bridging	EN 1062-7:2004	upto 1 mm
Water Permeability	EN 12390-8:2019	Passes 5 bar positive water pressure
Reduction in Rapid Chloride, %	ASTM C 1202:2019	80
Food grade certification	CFTRI certification	Passes

Features / Benefits :

- ▶ Flexible coating
- ▶ This product can be used for positive waterproofing due to its excellent bonding
- ▶ Excellent adhesion to concrete and masonry surfaces
- ▶ Excellent resistance to ingress of water
- ▶ Confirms to portable water contact parameters.
- ▶ Non-toxic with low VOC content



Arrocrete 2K Flex

2-parts Flexible Cementitious Waterproofing Membrane

Description :

- ▶ ARROCRETE 2K FLEX is 2 parts polymer-modified flexible cementitious waterproofing membrane coating specially formulated for Concrete and Masonry Surface which is supplied in ready-mix kits (2 parts). When the dry part is mixed with acrylic-modified emulsion and applied according to direction, the cured.
- ▶ ARROCRETE 2K FLEX will become a tough, flexible and seamless waterproof membrane and acts as an excellent water barrier to Concrete and Masonry Surface.

Application :

- ▶ Concrete foundations, basements wall and lift pits.
- ▶ Swimming pools, water tanks and reservoirs.
- ▶ Concealed roofs, parking decks, bathroom, toilet, kitchen, balconies and planters.
- ▶ Any other concrete, cement or masonry surface subject to damage from moisture.

Packing :

- ▶ 13 kg Box
(5 Ltr. Liquid Polymer) (8 kg. Powder)



Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Mix Component	-	Mix Ratio 1 : 2 (A : B)
Polymer Content	-	> 18 %
Water Absorption	-	< 6%
Proprietary Polymer	-	High quality modified acrylic polymer
Set-to-touch time	ASTM D 1640	45 min
Tensile Strength as cast	ASTM D 412	2.5 N/mm ²
Elongation at Break as cast	ASTM D 412	120 %
Adhesion to Substrate	ASTM D 4541	0.80 N/mm ²
Adhesion to Concrete at 7 day	ASTM D 4541	1.75 N/mm ²
Immersion in water Adhesion to Concrete at 7 day	ASTM D 4541	1.00 N/mm ²
Crack Bridging	ASTM C 836	1 mm

Features / Benefits :

- ▶ Quick drying
- ▶ Easily applied by brush or trowel
- ▶ Flexible
- ▶ Excellent adhesion to concrete and masonry substrates
- ▶ Non toxic substances
- ▶ Environmentally friendly - free Volatile Organic Compound (VOC)
- ▶ Can be applied on damp surface.
- ▶ Excellent waterproofing property - No leakage
- ▶ up to 10 m. hydrostatic pressure

Sealant



Arroseal PU (White/Gray)

Polyurethane Joint Sealant

Available Colour :

- ▶ Grey & White



Features / Benefits :

- ▶ Ready to use single component product.
- ▶ Forms a permanent, tough, elastic rubber seal.
- ▶ Excellent adhesion to concrete, brickwork, painted wood, glass, glazed surfaces, aluminum, stainless steel, steeland plastics.
- ▶ Non-sag.
- ▶ No staining of cementitious substrates.
- ▶ Accommodates continuous and pronounced cyclic movement

Description :

- ▶ Arroseal Pu Sealant Is A One-part Polyurethane Joint Sealant Suitable For Horizontal And Vertical Use. Arroseal Pu Sealant Meets The Requirement Of Astm C920 And Iso Classification F25lm

Coverage :

Approximate consumption

Joint width	10 mm	15 mm	20 mm	25 mm	30 mm
Joint depth	8 mm	8 mm	10 mm	12 mm	15 mm
Joint Length/600ml	~7.5 m	~4.5 m	~2.5 m	~1.6 m	~1.3 m



Technical Information As Per IS Standard Data

PROPERTY	SPECIFICATION	RESULT
Minimum/Maximum joint width	-	10 mm/35 mm
Colour	-	Grey/White/Beige
Density (g/cc)	-	1.25 +/- 3
Skinning time, minutes	-	40 – 45 mins
Services temperature range	-	-40°C to +70°C
Tear strength	-	6N/mm (+23°C/50% RH)
Hardness, Shore A	ASTM C-920	30 (+23°C/50% RH)
Staining	ASTM C-920	No staining
E=modulus	-	0.4 N/mm ² @100% elongation(23°C/50% RH)
Movement accommodation factor	-	+/-25%
Elongation at break	-	500% (+23°C/50% RH)
Cure rate	DIN 53504	2 mm per day

Application :

- ▶ Movement joints in precast concrete construction.
- ▶ Balcony parapets.
- ▶ Retaining walls.
- ▶ Bridge culverts.
- ▶ Floor joints.
- ▶ General caulking to windows, door frames & skirting etc.

Packing :

- ▶ Available in 600 ml capsule



Arro Seal (White/Gray/Transparent)

Silicone Joint Sealant

Features / Benefits :

- ▶ Ability To Withstand High & Low Temperatures Far Better Than Organic Rubber.
- ▶ Silicone Sealants Are An Excellent Insulating Material.
- ▶ Highly Durable and Form Tight Seals.
- ▶ Great Aesthetic Finish.
- ▶ Water Repelling Material.
- ▶ Good Thermal Stability.
- ▶ Low Chemical Reactivity.

Available Colour :

- ▶ Gray / White / Transparent

Packing :

- ▶ 280 ml



Description :

- ▶ Arro Seal is one part, all weather, highly flexible, neutral plus, non corrosive, high performance RTV silicone sealant. It is a cost effective, multi-purpose, neutral cure silicone sealant for tough but flexible bonding with long term durability. It is suitable for sealing vertical and overhead gaps also

Use:

- ▶ Remove all dirt and oil from surfaces. Apply Arro Seal with suitable dispensing equipment. Repeat the application, if require.

Storage:

- ▶ Store in cool (5°C to 25°C) dry place away from direct sunlight.

Application :

- ▶ Arro Seal can be used for bonding & sealing Glass, Aluminium Composite Panels (ACP), Aluminium Door/Window Frames, Facade, etc.

Arrojoint PSS

Polysulphide Sealant



Description :

- ▶ ARROJOINT PSS is a two component joint sealant based on a high quality liquid polysulphide polymer. The cured sealant is a tough rubber like seal exhibiting excellent adhesion to most surfaces including concrete, glass, aluminum; stainless steel etc. with the use of appropriate primers. This is for application in vertical and horizontal joints

Packing :

- ▶ 6.5 kg

Use:

Sealing joints subject to expansion and contraction resulting from temperature changes in buildings and civil engineering structures including superstructures, reservoirs, floors, basements, subways. Some of the recommended applications are as follows:

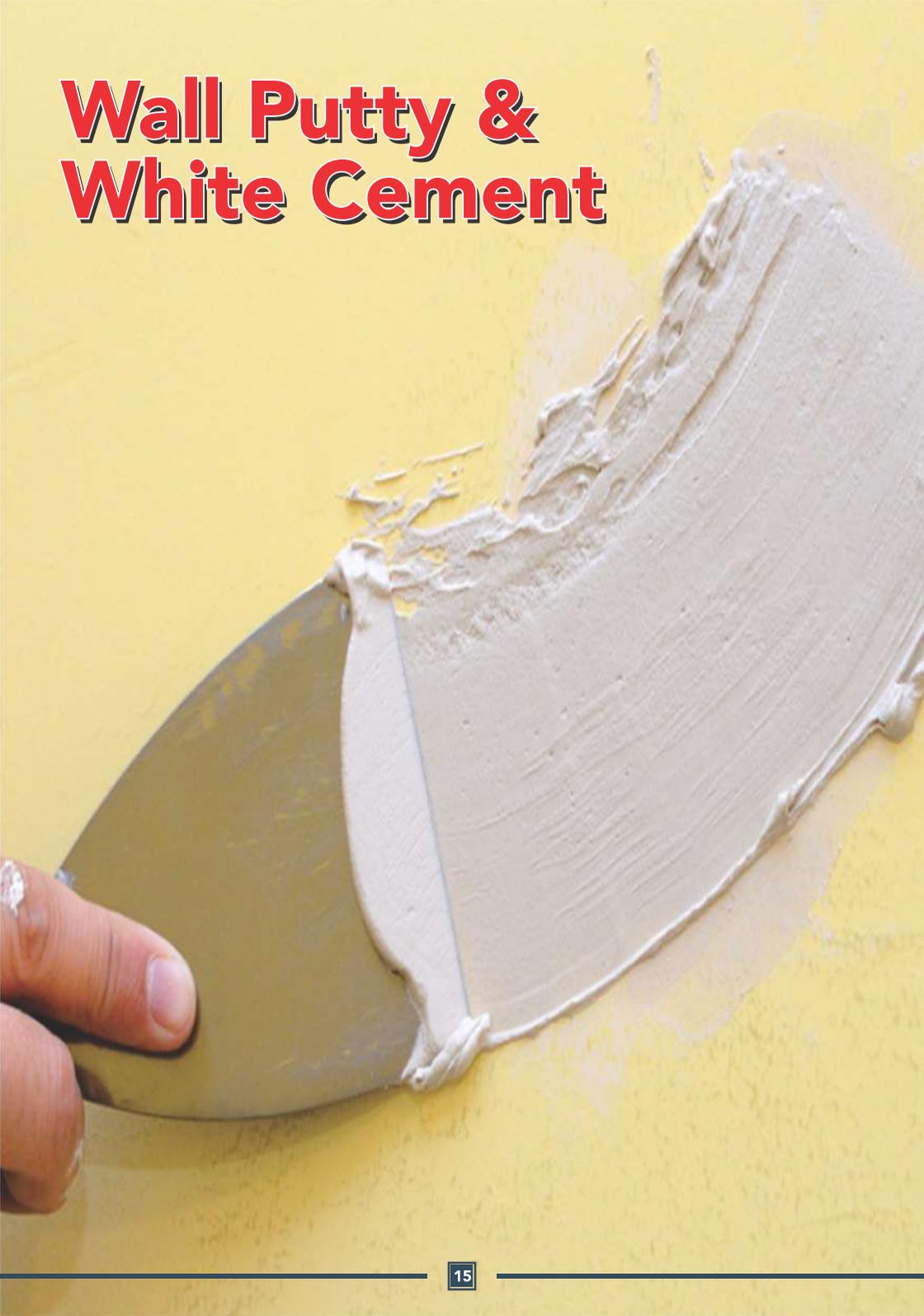
- ▶ As a highly elastomeric sealing material for expansion and crack control joints.
- ▶ For joint sealing applications where a short curing period is required such as expansion and contraction joints in shopping centers, side walks or any other traffic areas.
- ▶ For sealing coping joints and deck joints in frequently watered areas such as swimming pool decks, planters pots, etc.
- ▶ For sealing joints in reinforced concrete structures such as reservoirs, water treatment works, sea walls and roads etc.
- ▶ They are particularly recommended for use in high rise buildings and other applications where access for subsequent maintenance will be difficult and the risk of early movement failure must be minimized. It is also suitable for sealing joints in brickwork, retaining walls, basements and subways.

Features / Benefits :

- ▶ A high quality product meeting key international standards.
- ▶ It forms a tough elastic rubber like seal
- ▶ Outstanding resistance to deterioration due to weathering, ozone, UV Light and attack by chemicals present in industrial atmosphere.
- ▶ Ability to withstand continuous and pronounced cyclic movements.
- ▶ Excellent adhesion to most of the commonly employed materials in building and construction.



Wall Putty & White Cement



Arrotile Wall Putty Fine

Water resistant white cement based wall Putty ideal for use on Plastered/concrete walls and ceilings.



Features / Benefits :

- ▶ White smooth and glossy finish
- ▶ Highly durable & water Resistant
- ▶ Anti fungal.
- ▶ No need of primer before applying paint.
- ▶ Strong adhesion strength.
- ▶ No curing required.
- ▶ Increases Paint Coverage
- ▶ Low VOC
- ▶ Complies to HDB, Singapore standard
- ▶ Easy for application and papering

Packing :

- ▶ 1, 5, 40 Kg Bag



Technical Information As Per IS Standard Data

HDB DATA		
PROPERTY : TEST METHOD	REQUIREMENT	TYPICAL VALUES
Initial Setting Time - BS 4551 Part - 1	240 - 360 Mints	250 Minutes
Final Setting Time - BS 4551 Part - 1	≤ 500 Mints	360 Minutes
Tensile Adhesive Strength @ 14 Days - EN 1015 - 12	≥ 0.8 N/mm ²	1.20 N/mm ²
Compressive Strength @ 28 Days - EN 1015 - 11	7 to 12 N/mm ²	8.2 N/mm ²
Water absorption - EN 1015 - 18	-	0.03 Kg/m ²
Water Retentivity BS 4551 - 1	≥ 95%	99.0%

Application :

- ▶ Especially Designed for interior and exterior surfaces. Highly water resistant skim coat which smoothens the surfaces of plaster, ready for subsequent painting work.

Suitable Substrates :

- ▶ Concrete & Concrete Masonry
- ▶ Cement Backer Board
- ▶ Cement Plaster
- ▶ Calcium Silicate Board
- ▶ AAC Block work
- ▶ Gypsum Wallboard

Arrotile Wall Putty Rough

Water resistant white cement based wall Putty ideal for use on Plastered/concrete walls and ceilings.



Features / Benefits :

- ▶ Easy to apply.
- ▶ Water Resistance.
- ▶ Anti fungal.
- ▶ Good Compressive Strength.
- ▶ Increases Paint coverage
- ▶ Covers undulations of plastered surfaces.
- ▶ Give sound base for further putty applications
- ▶ Strong adhesion strength.
- ▶ No curing required.
- ▶ Low VOC
- ▶ Complies to HDB, Singapore standard

Packing :

- ▶ 30 Kg Bag



Technical Information As Per IS Standard Data

HDB DATA		
PROPERTY : TEST METHOD	REQUIREMENT	TYPICAL VALUES
Initial Setting Time - BS 4551 Part - 1	240 - 360 Mints	300 Minutes
Final Setting Time - BS 4551 Part - 1	≤ 500 Mints	420 Minutes
Tensile Adhesive Strength @ 14 Days - EN 1015 - 12	≥ 0.8 N/mm ²	1.30 N/mm ²
Compressive Strength @ 28 Days - EN 1015 - 11	7 to 12 N/mm ²	8.4 N/mm ²
Water Absorption Index (Carsten tube) kg/m ² /h-DIN 52617	-	1.02
Water absorption - EN 1015 - 18	-	0.03 Kg/m ²
Water Retentivity BS 4551 - 1	≥ 95%	99.8%

Application :

- ▶ Designed for interior and exterior surfaces.
- ▶ To make uneven surfaces to even and smooth.
- ▶ It can be used as plastering material for Internal & External application.

Suitable Substrates :

- ▶ Concrete & Concrete Masonry
- ▶ Cement Backer Board
- ▶ Cement Plaster
- ▶ Calcium Silicate Board
- ▶ AAC Block work
- ▶ Gypsum Wallboard

White Cement

Advance Decorative White Cement



Features / Benefits :

- ▶ More Whiteness & Brightness
- ▶ Decorative & Economical
- ▶ Aesthetic Appeal
- ▶ Superior bonding with surface
- ▶ Strength of adhesion to the base is distinctly improved.

Packing :

- ▶ 1 kg & 5 kg Pouch



Use :

- ▶ ARROTILE WHITE CEMENT Decorative White Cement should be adjusted by water to the density suitable as per above application as like white cement application.

Description :

- ▶ Decorative white cement ARROTILE WHITE CEMENT is a wall decoration material which is ground by high quality white Portland cement clinker by the advanced technology and result characterized by high whiteness, high strength, excellent degree of fineness, good adhesion, high construction performance, high consistency, etc.

Application :

- ▶ Designer Flooring
- ▶ Marble Flooring
- ▶ Terrazzo Flooring
- ▶ Architectural Uses
- ▶ Ornamental Uses

Industrial Grout & Hardner





Powerfloor

Non Metallic, Monolithic Surface
Hardening Compound

Available Colour :

Gray, White, Yellow, Red, Green, Blue

Features / Benefits :

- ▶ Silica based - does not rust or stain.
- ▶ Provides a hard, abrasion resistant surface.
- ▶ Forms monolithic bond with base concrete.
- ▶ Easy and economical to apply.

Packing :

- ▶ 30 Kg Bag

ApplicationRate (kg/m ²)	Intendedtraffic use
7.0	Heavy
5.0	Medium
3.0	Light



Application :

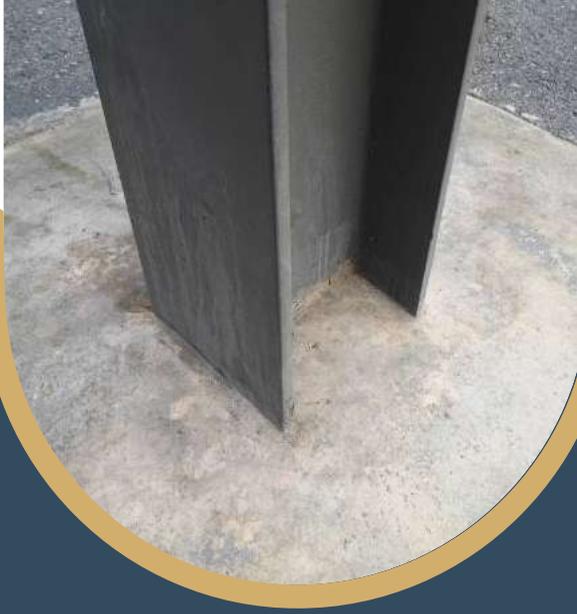
- ▶ Base concrete : The base concrete should have a minimum cement content of 300 kg/m³. The concrete mix should be designed to minimize segregation and bleeding. Free water cement ratios of less than 0.55 are required. Use of's water reducing admixture is recommended. The base concrete should be laid and compacted in accordance with good concrete practice. Accurate finished profile and minimum laitance build-up should be ensured. Particular attention should be paid to bay edges and corners to ensure full compaction. POWERFLOOR is applied for different types of industrial use.

Arrotile GP2

Free flow, high strength, non-shrink, cementitious precision grout

Packing:

- ▶ 30 Kg Bag



Features / Benefits:

- ▶ Gaseous expansion system compensates for shrinkage and settlement in the plastic state.
- ▶ No metallic iron content to cause staining.
- ▶ Pre-packed material overcomes onsite batching variations.
- ▶ Develops high early strength without the use of chlorides High ultimate strength ensure the durability of the hardened grout.
- ▶ Free flow ensures high level of contact with load bearing area.

Strength :

Tensile strength (W/P 0.18):
3.5N/mm² @ 28 days

Pullout strength (W/P -0.18):
17 N/mm² @ 7 days
20 N/mm² @ 28 days

Time for expansion (after mixing):
Start: 20 minutes
Finish: 120 minutes

Fresh wet density:
Approximately 2220kg/m³
depending on actual consistency used

Young's modulus:
28 kN /mm²

Coefficient of thermal expansion:
11 x 10⁻⁶/°C

Use:

- ▶ ARROTILE GP2 is used for precision grouting where it is essential to withstand static and dynamic loads. Typical applications would be the grouting of base plates of turbines, compressors, boiler feed pumps etc., It can also be used for anchoring a wide range of fixings. These include masts, anchor bolts and fence posts.





Arrotile A Fix

Polyester Resin Anchor Grout

Features / Benefits

- ▶ Rapid Strength Gain
- ▶ Corrosion Resistant
- ▶ Non-expansive
- ▶ Can be applied even Underwater
- ▶ Good thixotropy Consistency
- ▶ Vibration Resistant

Description :

- ▶ Arrotile A Fix is polyester based two component resin system specially made to give excellent anchorage. Arrotile A Fix can be used to an anchor size of 25mm Diameter into concrete, rock, masonry or brick work where high speed of installation and early application of load is required.

Packing :

- ▶ 500 Gm & 1Kg Box



Technical Information As Per IS Standard Data

Technical Information As Per IS Standard Data	
Description	Two components pre-weight system
Consistency of the mixed material	Flow able
Colour	Dark brownish grey
Pot Life at 25°C	Approx 10 minutes
Mixed density	1,90 - 2.00 gm/cc at 30°C
Compressive strength @30°C (Bs6319 Part2 : 1983)	30 N/mm ² 60 N/mm ²
3 hrs. : Minimum 7 days : Minimum	
Minimum curing required before loading and above at 30°C and above at 20°C	3 hrs 8hrs

Properties Gel Time Temp(0C)

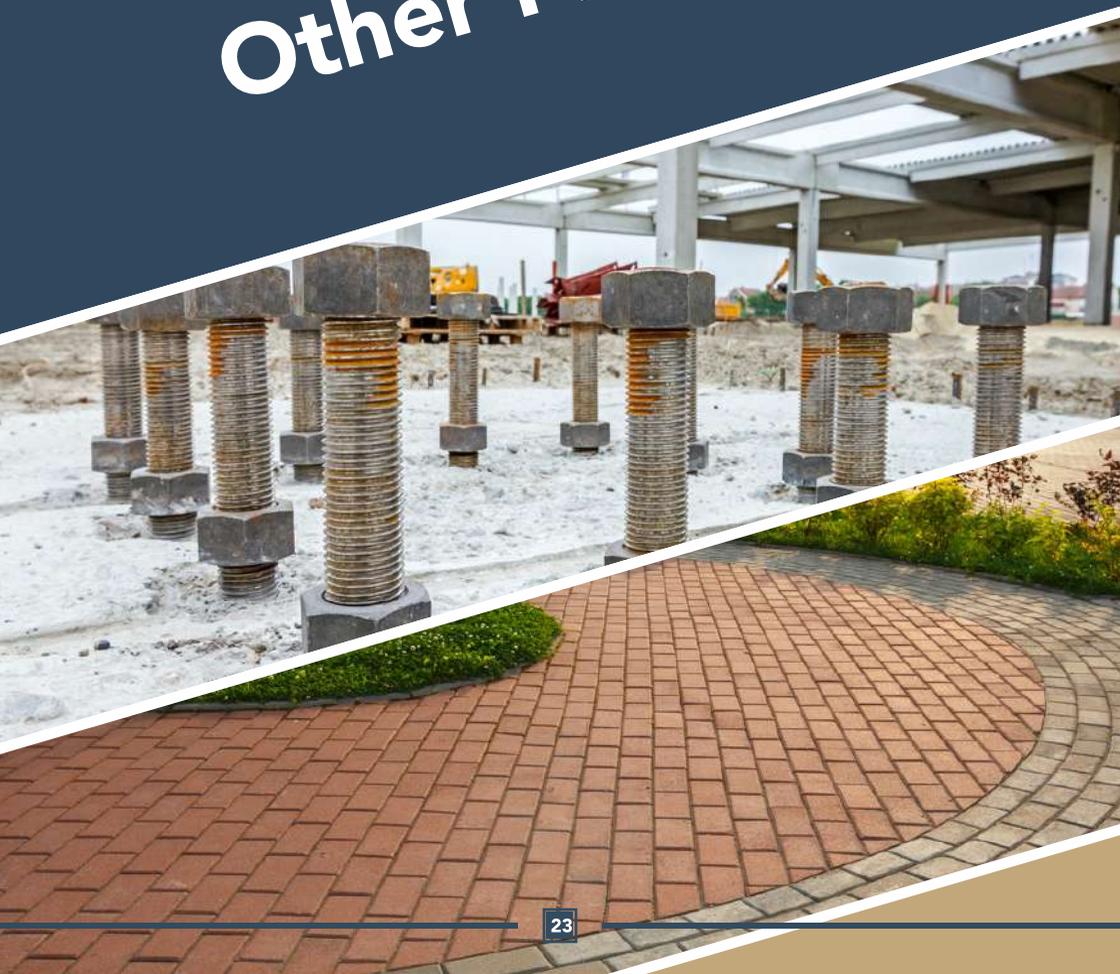
Properties Gel Time Temp(0C)	Gel Time (min) Before
20	20
30	12
40	08

Use :

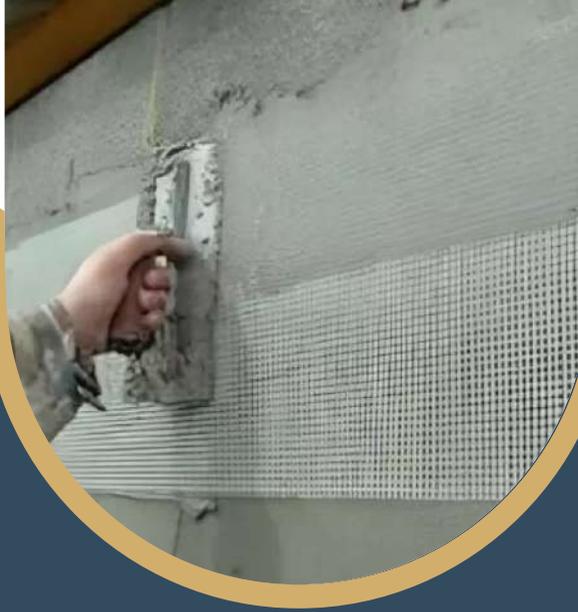
- ▶ Rock Bolting (in Tunnels Etc.)
- ▶ Fixing of Foundation Bolts.
- ▶ Fixing of Reinforcement



Other Products



Fiber Glass Mesh



Description :

- › Fiber Glass Mesh is a ready-to-use mesh which is thin, strong and flexible alkali resistant for embedment with waterproofing and crack-isolation membrane on both the residential and commercial floors & walls of sunk portions and top roof terrace. Fiber Glass Mesh improves the performance of building near water bodies when applied over cracks, coves and corners and around drains.

Packing :

- › 50 Mtr.



Technical Information As Per IS Standard Data

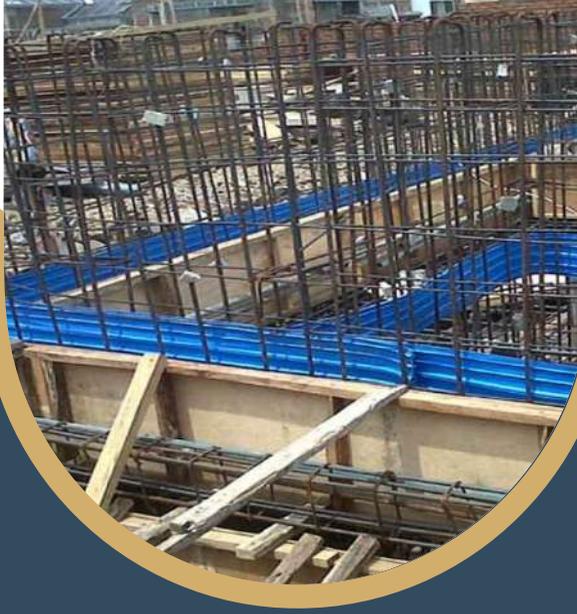
PROPERTY	RESULT
Appearance	White colour glass fiber
Weight	45 gm/meter square
Thickness	0.012"(0.3mm)
Weave	Leno
Application temperature	-20°C to +45°C

Features / Benefits :

- › Durable and flexible
- › Easy embedment
- › Easy in installation
- › Ready to use
- › Easy to cut with knife or scissors

Use :

- › In kitchen wash area
- › Terrace or roof area
- › Areas near water bodies where hydrostatic pressure exist
- › To repair patches of floors, ceiling and rendering walls
- › Toilet bathroom and sunken portion



Water Stopper

Swallbar & Water Stopper

Description :

- ▶ Costar Swellable Waterstop is hydrophilic swelling waterstop which exhibits excellent durability and water sealing capacity. It expands as it absorbs water and fills concrete joint gaps conforming to the gap variation, ensuring excellent sealing. It is suitable for use in Vertical and horizontal cast-in-place concrete joints where limited movement is expected. Costar swellable waterbar is ideal for new concrete structures or between new and existing concrete.

Use :

- ▶ It is suitable for use in all kinds of cast-in-place concrete construction joints, as well as steel, concrete.
- ▶ Tunnels, pits, Sewerage & water treatment plants
- ▶ Pipe penetrations Subway stations
- ▶ Swimming pools and reservoirs
- ▶ Basements etc.



For Industrial Use

► **Fastcure PBL**

Paver Block hardener (Chloride Base)
Packing : 250 kg

► **Fastcure PBL101**

Paver Block hardener (Chloride Base)
Packing : 250 kg

► **Fastcure PC**

Paver Block hardener (PC Base)
Packing : 220 kg

► **Fastcure CP**

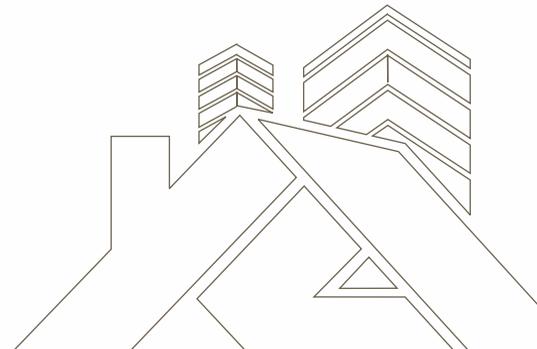
Cement Accelerator
Packing : 250 kg

► **Fastcure Rapid**

Cement Accelerator (PC Base)
Packing : 250 kg

► **Lacquer PB**

Paver Block Coating
Packing : 50, 200 Ltr





TILES INSTALLATION PRODUCT

TILES ADHESIVE

- ▶ ARROTILE FLOOR FIX
- ▶ ARROTILE SILVER
- ▶ ARROTILE WALL FIX
- ▶ ARROTILE GOLD
- ▶ ARROTILE PLATINUM
- ▶ ARROTILE PLATINUM PLUS
- ▶ ARROTILE BLOCK FIX
- ▶ ARROFLEX PU-412
- ▶ ARROFLEX EA
- ▶ ARROTITE STANDARD

GROUTS & CLEANERS

- ▶ ARROPOXY TILE GROUT
- ▶ ARROTILE GROUT
- ▶ POLYMIX
- ▶ TILE CLEANER
- ▶ CHROME CLEAN
- ▶ WHITE CEMENT
- ▶ ARRO QUICK

TILES FITTING ACCESSORIES

- ▶ TILES SPACERS
- ▶ TILES LEVELER
- ▶ TILES LEVELER PILLAR
- ▶ DOUBLE VACUUM
- ▶ SUCTION CUP LIFTER
- ▶ TILES LEVELER JACK
- ▶ ADHESIVE TROWEL
- ▶ TILES LIFTER
- ▶ TILES HOLE MARKER
- ▶ TILES CORNER MARKER

WATERPROOFING APPLICATION

1. Surface Inspection

First inspect the surface carefully.

Identify cracks, holes, honeycombs, or leakage areas.

Ensure the surface is strong, stable, and structurally sound.

2. Surface Cleaning

Remove dust, oil, grease, and loose particles from the surface.

Use a wire brush, air blower, or water jet for proper cleaning.

A clean surface ensures better bonding of the waterproofing material.

3. Crack and Joint Repair

Fill visible cracks with polymer mortar or repair mortar.

Properly seal construction joints and pipe joints.

Repair honeycomb areas with suitable repair mortar.

4. Surface Wetting

Lightly dampen the surface before applying waterproofing.

Ensure there is no standing water on the surface.

5. Primer Application

Apply primer as per the waterproofing system.

Primer improves adhesion and strengthens the waterproofing layer.

6. First Coat Application

Apply the first coat using a brush, roller, or spray machine.

Ensure uniform coating with the recommended thickness.

7. Reinforcement (If Required)

Use fiberglass mesh or reinforcement fabric on critical areas such as cracks, joints, and corners.

WATERPROOFING APPLICATION

8. Second Coat Application

Apply the second coat after the first coat has dried.

Apply the second coat in a cross direction to ensure proper coverage.

9. Curing / Drying Time

Allow sufficient drying time for the waterproofing layer.

Protect the surface from rain or water exposure during curing.

10. Protection Layer

Apply a protective layer such as screed, plaster, or tiles over the waterproofing to prevent damage.

Common Areas for Waterproofing Application

- ▶ Terrace / Roof
- ▶ Bathroom / Toilet
- ▶ Water Tanks
- ▶ Basement
- ▶ Balcony
- ▶ External Walls

OUR VALUABLE CLIENTS





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For more Info.
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